

## Instructions for Completing Preprinted DMR Forms

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**THE FORMS MUST BE SUBMITTED TO EPA EVEN IF THERE WAS NOT ANY DISCHARGE**



An electronic PDF copy is provided. After completion of the DMR, you may scan the forms and sent via email to the address below. **RETURN THE ORIGINAL TO EPA via REGULAR MAIL** . Retain a copy for your use.

### **Send completed DMRs to:**

Liliana Christophe  
IT Specialist  
Office of the Director, NPDES Data Team (WTR-1)  
EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105

christophe.liliana@epa.gov



**FAILURE TO ADDRESS THE COPIES CORRECTLY MAY RESULT IN NON-RECEIPT BY THE EPA.**



Please provide these instructions (or a copy) to those who fill out, assemble and/or mail out the EPA DMR forms.

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## **DESCRIPTION OF EACH AREA ON THE DMR FORM: SPECIFIC INSTRUCTIONS**

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Each of the following numbered items corresponds to a like-numbered item on sample DMR form on the last page of these instructions.



YOU provide the information for items marked with 

1. Address to which the forms are sent.
2. ATTN: Name of person to whom the forms are sent. This name does not have to be the person who will sign the completed forms. Preferably this is the person who is most familiar with the content of the forms, who is probably the person who will fill them out.
3. NPDES Permit number.
4. Discharge Number: the first three characters usually indicate the actual discharge number. However, some situations require use of "special" discharge numbers; in such cases, an explanation will appear in the Discharge Description, Item 9. The most commonly used "special" discharge numbers are:

INF When there is a large number of influent requirements, "discharge number" INF may be used to keep them all together.

SUM Used for MASS limits when the facility has multiple discharge points, and the permit contains only a single set of MASS limits which are applicable to the Total Facility MASS Discharge Rate. In such cases, it would be incorrect to apply the Total Facility MASS Limits to the individual discharge points. Instead, MASS discharge rates must be calculated for each discharge point, then added together to arrive at the Total Facility MASS Discharge Rate.


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The fourth character is a report grouping code; some frequently used groupings are:

- A - monthly grouping
- Q - quarterly grouping
- S - semiannual grouping
- Y - annual grouping

All references herein to "discharge number" refer to all four characters as printed on the DMR forms.


5. Monitoring Period: the period covered by the DMR form. DO NOT ALTER THESE DATES.
6. Major discharger indicator.
7. Applicable only to California permittees - indicates the number of the appropriate Regional Water Quality Control Board.
8. EPA designation for type of effluent limits in the NPDES permit: Initial, Interim or Final.
9. Discharge Description: if present, describes the Discharge Number (Item 4).
10.  "No Discharge/No Data" box: Used when NO data is being reported for the entire discharge number (as listed in the "Discharge Number" box); enter the appropriate code in the box (usually "C"); the list of codes is located at Item 26 (Page 5) of these instructions. If you are reporting "No Discharge" or "No Data" for the entire discharge number, you may proceed directly to Item 28 after completing this Item.

(Cont'd on next page)

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EXAMPLE: If the Discharge Number is "001 A" (as noted in the Discharge Number Box, Item 4.), and there are 5 pages for 001 A, and the reason no data is being reported is that there was no discharge, you would enter a "C" in the No Discharge box on each of the 5 pages. Additional codes and how to report "No Data" for an individual parameter are discussed in Item 26.

11. Parameter Description.
12. Parameter Code: parameters are always listed on the form in Parameter Code order.
13. Monitoring Location Description: describes the waste stream to be sampled - influent, effluent, % removal, etc. If it says "SEE COMMENTS BELOW", refer to the Comments section of the form (Item 32) for an explanation.
14. Monitoring Location Code.
15.  Sample Measurement Boxes: enter the data you are reporting in these boxes. Asterisks (\*\*\*\*\*) in a Sample Measurement Box indicate that no entry is required in that box. All "open" Sample Measurement Boxes must be filled in, except as noted in Items #10 & #26.



EXPONENTIAL NOTATION IS NOT ACCEPTABLE.



WHEN CALCULATING AVERAGES WITH A MIX OF DATA POINTS ABOVE & BELOW THE PQL, THE DATA POINTS BELOW THE PQL SHALL BE TREATED AS 0 (ZERO).



Data must be reported in the same unit of measurement as specified by Items 20 and 22.

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ALL blank Sample Measurement boxes **MUST** be filled in, except as noted in Item 10 above, or Item 26 below. When an average is to be reported, put in the actual average of all the data for the period, regardless of how few samples are taken.

For details on reporting **Conditional Requirements, Below Detection and Not Quantifiable** - see Items #23 & # 26 below.

NON-NUMERIC ENTRIES: the only acceptable non-numeric entries are:

|                           |  |
|---------------------------|--|
| > (greater than)          | requires an accompanying numeric value |
| < (less than)             | requires an accompanying numeric value |
| - (negative number)       | requires an accompanying numeric value |
| E (estimate)              | requires an accompanying numeric value |
| T (too numerous to count) | bacteriological - valid only by itself |

16.  No. Ex. – The total number of times that the limit(s) for the parameter were exceeded during the monitoring period.

For example, assume there are concentration limits for Monthly Average, Weekly Average and Daily Maximum: if the Daily Max was exceeded 5 times, and the Weekly Average was exceeded 2 times, and the Monthly Average was exceeded 1 time, the total number of times the limits were exceeded is 8. Additionally, if any mass loading limits were exceeded, those must be counted also.

17.  Reported Frequency of Analysis.

18.  Reported Sample Type.

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Limits, Monitoring, and Reporting Requirements (Items 19 thru 25) are obtained from the Effluent Limits and/or Monitoring & Reporting Program sections of the NPDES permit.

19. Mass Emission Limits.<sup>(1)</sup>
20. Mass Emission Units: LBS/DAY, KG/DAY, MGD, etc; the 2-digit number in parentheses is the EPA computer code for the unit of measurement.
21. Concentration Limits.<sup>(1)</sup>
22. Concentration Units: MG/L, etc; the 2-digit number in parentheses is the EPA computer code for the unit of measurement.
23. Description of values to be reported: defines the statistical value to be entered in the corresponding "Sample Measurement" box. Each value should be calculated as directed in the permit.

When there are multiple averages during the reporting period, as would be the case with Weekly or 7-Day Averages, the highest one should be reported on the DMR form. For "Daily Max", report the highest single sample value obtained during the month.

These statistical values supersede the MINIMUM, AVERAGE, MAXIMUM printed at the top of the five columns on each DMR page.

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<sup>(1)</sup>When no limits apply, but monitoring and reporting is still required, "REPORT" will appear in place of a numerical limit in Items 19 and 21. "REPORT" means that the indicated value (such as 30DA AVG) *must be reported*. If the word "OPTIONAL" is present (instead of REPORT) it means that reporting of the indicated value is desirable, but not required.

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WHEN CALCULATING AVERAGES WITH A MIX OF DATA POINTS ABOVE & BELOW THE PQL, THE DATA POINTS BELOW THE PQL SHALL BE TREATED AS 0 (ZERO).

24. Required Sampling Frequency.

25. Required Sample Type.

26.  No Discharge / No Data (NODI) Indicator for an individual parameter: put the letters "NODI" and the appropriate code in parentheses in ONE of the Sample Measurement boxes for the parameter; no other entries are necessary. Example: NODI (?). The available codes are listed below.

| <u>Code</u> | <u>Meaning</u> |
|-------------|----------------|
|-------------|----------------|

|   |  |
|---|--|
| 2 | OPERATIONAL SHUTDOWN                             |
| 4 | DISCHARGE OF LAGOON                              |
| 5 | FROZEN CONDITIONS                                |
| 9 | CONDITIONAL MONITORING: NOT REQUIRED THIS PERIOD |
| A | GENERAL PERMIT EXEMPTION                         |
| B | BELOW DETECTION LEVEL                            |
| C | NO DISCHARGE                                     |
| I | LAND APPLIED                                     |
| J | RECYCLED- WATER-CLOSED SYSTEM                    |
| K | FLOOD DISASTER                                   |
| Q | NOT QUANTIFIABLE                                 |
| S | FIRE CONDITIONS                                  |
| W | DRY LYSIMETER/WELL                               |

Note: The codes listed below WILL NOT RESOLVE REPORTING VIOLATIONS.

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- 1     WRONG FLOW
- D     LOST SAMPLE
- E     ANALYSIS NOT CONDUCTED
- F     INSUFFICIENT FLOW FOR SAMPLING
- G     SAMPLING EQUIPMENT FAILURE
- H     INVALID TEST
- X     PARAMETER/VALUE NOT REPORTED

***Below Detection:*** when ALL data points for given a parameter/monitoring period are below the MDL (Method Detection Limit), report the parameter as NODI (B).



NODI (B) CANNOT BE USED FOR A GIVEN PARAMETER/MONITORING PERIOD IF ANY SINGLE DATA POINT FOR THAT PARAMETER/MONITORING PERIOD IS ABOVE THE MDL.

***Not Quantifiable:*** when ALL data points for a given parameter/monitoring period are below the PQL (Practical Quantitation Level), but 1 or more are equal to or above the MDL (Method Detection Limit), report the parameter as NODI (Q).



NODI (Q) CANNOT BE USED FOR A GIVEN PARAMETER/MONITORING PERIOD IF ANY SINGLE DATA POINT FOR THAT PARAMETER/MONITORING PERIOD IS ABOVE THE PQL.



WHEN CALCULATING AVERAGES WITH A MIX OF DATA POINTS ABOVE & BELOW THE PQL, THE DATA POINTS BELOW THE PQL SHALL BE TREATED AS 0 (ZERO).



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The No Discharge / No Data Indicator (NODI), when used for an individual parameter, applies to ALL "Sample Measurement" boxes for that parameter; however, you need enter it on the DMR form only once for a given parameter. Item 26 on the attached sample DMR form illustrates the correct way to enter NODI on the DMR forms.



**"NODI" MAY NOT BE MIXED WITH OTHER ENTRIES FOR THE SAME PARAMETER; I.E. ENTER THE NODI ( ) CODE ONCE ONLY, AND DON'T ENTER ANYTHING ELSE FOR THAT PARAMETER.**

28.  Typed or printed name of principal executive officer.
29.  Signature of principal executive officer or authorized agent.
30.  Phone number of the person signing the form.
31.  Date of signature.
32.  Comments: May contain special instructions, explanations, etc. May also be used by permittee to enter comments.



# Instructions for Completing Preprinted DMR Forms

PERMITTEE NAME/ADDRESS  
 NAME ANYTOWN, CITY OF  
 ADDRESS P.O. BOX 555  
 ANYTOWN CA 99999-9999  
 ATTN: SUPERINTENDENT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 CA00000000  
 PERMIT NUMBER  
 001 A  
 DISCHARGE NUMBER

MONITORING PERIOD  
 YEAR MO DAY  
 91 07 01  
 YEAR MO DAY  
 91 07 31

MAJOR (SUBR 04)  
 F - FINAL  
 DISCHARGE 001

\*\*\* NO DISCHARGE \*\*\*  
 NOTE: Read instructions before completing this form.

| PARAMETER  | SAMPLE MEASUREMENT<br>PERMIT REQUIREMENT | QUANTITY OR LOADING              |                   |                      | QUALITY OR CONCENTRATION |                            |                         | NO. EX. ANALYSIS | FREQ. OF ANALYSIS | SAMPLE TYPE |    |
|--|--|----------------------------------|-------------------|----------------------|--------------------------|----------------------------|-------------------------|------------------|-------------------|-------------|----|
|  |  | AVERAGE                          | MAXIMUM           | UNITS                | MINIMUM                  | AVERAGE                    | MAXIMUM                 |                  |                   |             |    |
| 11<br>BOD, 5-DAY<br>(20 DEG. C)<br>00310 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT<br>PERMIT REQUIREMENT | 15                               | 15                | ( 01 )               | 15                       | 45                         | 60                      | ( 19 )           | 16                | 17          | 18 |
| 12   | SAMPLE MEASUREMENT<br>PERMIT REQUIREMENT | 15                               | 15                | ( 01 )               | 15                       | 45                         | 60                      | ( 19 )           | 16                | 17          | 18 |
| 13   | SAMPLE MEASUREMENT<br>PERMIT REQUIREMENT | 15                               | 15                | ( 01 )               | 15                       | 45                         | 60                      | ( 19 )           | 16                | 17          | 18 |
| 14   | SAMPLE MEASUREMENT<br>PERMIT REQUIREMENT | 15                               | 15                | ( 01 )               | 15                       | 45                         | 60                      | ( 19 )           | 16                | 17          | 18 |
| 26<br>CORRECT USE<br>OF NODI   | SAMPLE MEASUREMENT<br>PERMIT REQUIREMENT | OPTIONAL<br>30 DA AV             | REPORT<br>DLY MAX | KG/<br>DAY<br>( 01 ) | 30<br>30 DA AV           | NODI (B)<br>45<br>07 DA AV | 60<br>DLY MAX           |                  |                   |             |    |
| 27<br>INCORRECT USE<br>OF NODI   | SAMPLE MEASUREMENT<br>PERMIT REQUIREMENT | NODI (B)<br>OPTIONAL<br>30 DA AV | REPORT<br>DLY MAX | KG/<br>DAY<br>( 01 ) | <0.001<br>30<br>30 DA AV | <0.001<br>45<br>07 DA AV   | <0.001<br>60<br>DLY MAX |                  |                   |             |    |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                                 |  |                                  |                   |                      |                          |                            |                         |                  |                   |             |    |
| 28   |  |                                  |                   |                      |                          |                            |                         |                  |                   |             |    |
| COMMENT AND EXPLANATION OF ANY VIOLATIONS                              |  |                                  |                   |                      |                          |                            |                         |                  |                   |             |    |
| 32   |  |                                  |                   |                      |                          |                            |                         |                  |                   |             |    |
| SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT           |  |                                  |                   |                      |                          |                            |                         |                  |                   |             |    |
| 29   |  |                                  |                   |                      |                          |                            |                         |                  |                   |             |    |
| TELEPHONE  |  |                                  |                   |                      |                          |                            |                         |                  |                   |             |    |
| 30   |  |                                  |                   |                      |                          |                            |                         |                  |                   |             |    |
| DATE   |  |                                  |                   |                      |                          |                            |                         |                  |                   |             |    |
| 31   |  |                                  |                   |                      |                          |                            |                         |                  |                   |             |    |

- SAMPLE EPA DMR FORM -  
 (Rev. 09/08/95)



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